

# INTERNATIONAL SEARCH REPORT

ional Application No

'IB2004/050417

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G01R33/50 G01R33/561

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, INSPEC, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 684 891 A (FEINBERG DAVID A) 4 August 1987 (1987-08-04) column 3, paragraph 3 column 4, paragraph 4-6 page 5, paragraph 2	1-9
X	US 4 709 212 A (GLOVER GARY H ET AL) 24 November 1987 (1987-11-24) abstract	1,8,9
X	US 2003/065258 A1 (BEACHE GARTH M ET AL) 3 April 2003 (2003-04-03) page 3, paragraph 21 - paragraph 22	1
A	US 5 578 923 A (CHEN HAIGUANG) 26 November 1996 (1996-11-26) the whole document	1-9
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

16 July 2004

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10/09/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 539 313 A (MEYER CRAIG H) 23 July 1996 (1996-07-23) column 3 - column 4	1-9
A	US 5 270 651 A (WEHRLI FELIX W) 14 December 1993 (1993-12-14) the whole document	1-9

# INTERNATIONAL SEARCH REPORT

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IB2004/050417

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4684891	A	04-08-1987	NONE	
US 4709212	A	24-11-1987	DE 3642826 A1	09-07-1987
			GB 2185111 A , B	08-07-1987
			GB 2230866 A , B	31-10-1990
			JP 3060266 B	13-09-1991
			JP 62189055 A	18-08-1987
US 2003065258	A1	03-04-2003	NONE	
US 5578923	A	26-11-1996	US 5517122 A	14-05-1996
			JP 2672076 B2	05-11-1997
			JP 7178072 A	18-07-1995
US 5539313	A	23-07-1996	US 5650723 A	22-07-1997
US 5270651	A	14-12-1993	NONE	